

REMARKS

In the Office Action dated March 31, 2005, the following rejections were made:

Claims 1-4, and 7-9: Rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent 6,450,028 to Vail, III.

Claim 5: Rejected under 35 U.S.C. §103(a) as being obviousness in view of U.S. Patent 6,450,028 to Vail, III.

Claims 1-4, 7-9

Reconsideration of the Examiner's rejection of Claims 1-4 and 7-9 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent 6,450,028 to Vail, III is respectfully requested.

Claims 1 and 8 have been amended to provide "the sensors being spaced a known, different distance apart to form a gravity sensor array". As such, independent Claims 1 and 8 are patentably distinct from the invention disclosed in Vail, III for the reasons here provided.

Claims 1 and 8, in essence, have been amended to include the limitation acknowledged by the Examiner as allowable in Claim 6.

Claims 2 - 4 and 7, by virtue of their dependence on Claim 1, as currently amended, now include all of the limitations of Claim 1. Accordingly, Applicant submits that Claims 2-4 and 7 are allowable as stated.

Claim 9, by virtue of its dependence on Claim 8, as currently amended, now includes all of the limitations of Claim 8. Accordingly, Applicant submits that Claim 9 is allowable as stated.

Claim 5

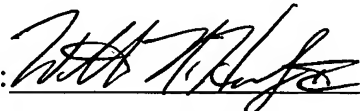
Reconsideration of the Examiner's rejection of Claim 5 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent 6,450,028 to Vail, III is respectfully requested.

Claim 5, by virtue of its dependence on Claim 1, as currently amended, now includes all of the limitations of Claim 1. Accordingly, Applicant submits that Claim 5 is allowable as stated.

CONCLUSION

Applicant has now made an earnest attempt to place this case in condition for allowance. For the foregoing reasons and for other reasons clearly apparent, Applicant respectfully requests full allowance of Claims 1 through 9. Applicant thanks the Examiner for consideration of the above.

Respectfully submitted,

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